



Patent
Attorney's Docket No. 031786-046

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Stephen M. BOYLE et al.) Group Art Unit: 1645
Application No.: 09/692,623) Examiner: Jennifer E. Graser
Filed: October 20, 2000) Confirmation No.: 2200
For: AN OVER-EXPRESSING)
HOMOLOGOUS ANTIGEN VACCINE)
AND A METHOD OF MAKING THE)
SAME)

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents cited are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c) the fee in the amount of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

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02 FC:1806


180.00 DP

Respectfully submitted,

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Date: October 17, 2003

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Substitute for forms 1449A/PTO & 1449B/PTO

ATTORNEY'S DKT NO.
031786-046APPLICATION NO.
09/692,623INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Stephen M. BOYLE et al.FILING DATE
October 20, 2000GROUP
1645

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
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	6,036,953		Edward T. Ryan et al.	03-14-2000
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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes	No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	J.B. KAPER et al., "New and Improved Vaccines Against Cholera", New Generation Vaccines, 2nd Edition, Chap.33:447-468 (1997), Marcel Dekker, Inc., New York
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	M. DAS ET AL., "Antisera to Selected Outer Membrane Proteins of <i>Vibrio cholerae</i> Protect Against Challenge with Homologous and Heterologous Strains of <i>V. cholerae</i> ", FEMS Immunology and Med. Microbiol. 22 :303-308 (1998)
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